

Applicant : Eng Shi ONG
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Filed : October 18, 2004
Page : 3

Amendments to the claims:

1. (currently amended): A method for water mediated extraction of analytes from a sample, said method comprising
dynamically contacting an analyte-containing sample with water below 100°C and at a regulated pressure from about 10 to about 30 25 bars.
2. (previously presented): The method of claim 1 wherein said water has a temperature above about 30 but below 100 degrees Celsius.
3. (previously presented): The method of claim 1 wherein said water contains an amount of at least one organic solvent.
4. (canceled)
5. (previously presented): The method of claim 1 wherein said regulated pressure is from about 10 to about 25 bar.
6. (previously presented): The method of claim 1 wherein the pressure is selected from 10,15,20, or 25 bar.
7. (previously presented): The method of claim 1 wherein said sample comprises a dispersant.
8. (previously presented): The method of claim 8 wherein said dispersant is selected from sand and glass beads.
9. (previously presented): The method of claim 1 wherein said contacting occurs for between about 5 and about 200 minutes.
10. (previously presented): The method of claim 1 wherein said contacting occurs for about 20 to about 40 minutes.
11. (previously presented): The method of claim 3 wherein said organic solvent is ethanol at a concentration of less than 50%.
12. (previously presented): The method of claim 11 wherein the concentration is selected from 5%, 10%, 15%, 20%, 25%, and 30%.
13. (previously presented): The method of claim 1 wherein the sample is selected from a botanical or herbal preparation.

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Filed : October 18, 2004
Page : 4

14. (previously presented): The method of claim 1 wherein said analytes include at least one analyte selected from berberine, baicalein and glycyrrhizin.

15. (previously presented): The method of claim 1 further comprising detection of said analytes.

16. (previously presented): The method of claim 1 wherein the dynamically contacting is at a flow rate of about 1 ml/min solvent.

17. (previously presented): A method of analyzing analytes extracted from a sample comprising the method of claim 1 further comprising analysis of said analytes by a technique selected from the group consisting of gas chromatography, mass spectrometry, ion chromatography, liquid chromatography and capillary electrophoresis.

18. (previously presented): The method of claim 1 wherein said water contains one or more surfactant or detergent.

19. (previously presented): The method of claim 1 wherein said water contains a detergent selected from sodium dodecyl sulfate and Triton X-100.

20. (previously presented): The method of claim 19 wherein said detergent is sodium dodecyl sulfate.

REMARKS

1. Claims 1-20 are pending in this application. By this Amendment, Applicant has amended claim 1 and canceled claim 4 without prejudice to applicant's right to pursue the subject matters in a future application. Accordingly, there is no issue of new matter. Applicant respectfully requests the entry of this Amendment. Upon entry, claims 1-19 will be pending and under examination.